

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:6551
ANSWERED ON:09.05.2002
GEOTHERMAL ENERGY POTENTIAL
T.T.V. DHINAKARAN

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) whether any survey/study has been conducted to ascertain the geothermal energy potential in the country;
- (b) if so, the details thereof; and
- (c) the time by which this potential is likely to be exploited?

Answer

MINISTER OF STATE OF THE NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a) & (b): Studies have been carried out by the Ministry through different organizations viz. Geological Survey of India, National Geophysical Research Institute, Hyderabad, Oil & Natural Gas Commission, Central Electricity Authority etc. to ascertain geothermal potential at different sites in the country. Some 340 hot springs have been identified in different parts of the country. Out of these hot springs, Tattapani Geothermal Field, Chhattisgarh and Puga Geothermal Field, Jammu & Kashmir have the potential for power generation. The other geothermal sites have potential for thermal applications.

(c): The use of geothermal energy has been demonstrated by the Ministry for thermal applications and power generation in Manikaran(H.P.) & Leh & Ladakh. The Ministry is taking up the development of Tattapani Geothermal Field in Chhattisgarh and the Puga Geothermal Field in Jammu & Kashmir for power generation in the Tenth Plan Period.